

PATENT ABSTRACTS OF JAPAN

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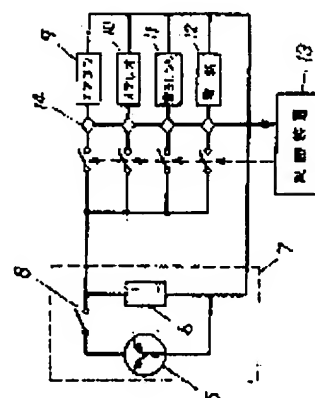
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(54) POWER SUPPLY SYSTEM

(57)Abstract:

PURPOSE: To avoid the overdischarge of a battery and supply a stable power by a method wherein the operations of a plurality of electrical apparatuses are so controlled as to have the summation of the respective currents of the electrical apparatus limited to a predetermined value.

CONSTITUTION: A controller 13 sums up respective currents detected by current detectors 14 provided on the input sides of respective electrical apparatus and controls the total current so as not to exceed a predetermined value. As the current detectors are connected to the respective apparatuses, the controller 13 can monitor which apparatuses are in operation. Therefore, mistaken machine control wherein, whenever temporary current declines occur in the apparatus such as an air-conditioner 9 in which an air-compressor is turned on and off, the other machines are turned on and off can be avoided. Thus, as the total power consumption is suppressed to a certain value or less, the overdischarge of a battery 6 caused by excessive operations of the electrical apparatuses can be avoided and the life and the reliability of a power supply system can be improved.



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